



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## DIVISION OF OIL GAS & MINING FIELD VISIT FORM TECHNICAL

**Date :** October 23, 1996, 1:30 p.m. to 3:00 p.m.

**Mine:** Gordon Creek 2,7 & 8 Mine

**File Number:** ACT/07/016 #2

**DOGM Staff:** Robert Davidson and Susan White

**Other Attendees:** Leland Sassar, NRCS and Dan Guy, Mountain Coal Co.

### Purpose:

- Check on topsoiling depths, soil interface compaction, and surface roughening results.

### Observations:

- The #7 mine has been topsoiled and hydroseeded. Shrub oak seedlings have also been planted. The surface is deep gouged after ripping to 18 inches. Large rocks are visible on the surface as a result of ripping. The looseness and depth of the soil roughening was checked using a "Montana Sharp Shooter" - spade thrusts showed loose soil depths at 6-8" in the bottom of the gouges and greater than 18" on the sides of the gouges.
- Below the #7 mine and east of the channel, the surface of the fill is convex rather than concave. The result is a protruding rock ledge and a lower-fill bench. The soil surface does not feather to the top of the rock ledge.
- A sink hole was located just outside the disturbance area above the #7 & #8 main channel. The sink hole was being filled using subsoil fill hauled up the reconstructed channel.
- The road and cut slopes below the #7 mine are being contoured.
- The #2 mine pad area is still being contoured. The east facing hillside on the far side of the reconstructed channel has been ripped, deep gouged and hydroseeded. Soil depths and looseness were checked with similar results as the #7 mine.

### Recommendations/Conclusions:

- Recontour the convex shelf and feather the soil to the top of the protruding rock ledge below the #7 mine.

Signature: \_\_\_\_\_

Robert A. Davidson, Reclamation Specialist III (Soils)

on October 24, 1996

